IDENTITY (As Used on Label and List) iFusion Li-ion Rechargeable batteries	
Note: Blank spaces are not permitted if any item is not applicable or no information is available,the space must be marked to indicate that.	

Section I-Information of manufacturer

Manufacturer's Name:Search Battery Co.,Ltd.

Address :F Block,Shiguan District,Longhua Town,Baoan,Shenzhen,China.

TEL:86-755-28136207 FAX:86-755-28137295

http://www.searchbattery.com

Section II-Hazardous Ingredients/Identity Information

Ingredient Name	《Chemistry's Digest》 Product NO	concentration (%)	ACGIH-TLV
Lithium Cobalt Oxide	12190-79-3	24.53%	0.02mg/m^3(Co,TWA)
Equivalent Max Lithium Content	7439-93-2	1.43g/pcs	
Aluminum foil	7429-90-5	3.35%	2 mg/m^3 （salts，TWA）
Graphite(various Carbons)	7782-42-5	16.40%	2mg/m^3(dust TWA)
Copper foil	7440-50-8	9.18%	0.2 mg/m^3 （Fust，TWA）
Organic electrolyte	--	10.26%	None established
Lithium hexafluorophoshare	21324-40-3	0.62%	2.5 mg/m^3 （F，TWA）
Steel and inert conponents	7439-89-6	35.66%	

★ 18650 cylindrical cell is a closed system. The above components will not harm the user's health

Section III-Physical /Chemical Characteristics

Boiling Point N.A.	Specific Gravity ($H_2O=1$) 2.8g/cm^3
Vapor Pressure(mm Hg) N.A.	Melting Point N.A.
Vapor Density (AIR=1) N.A.	Evaporation Rate (Butyl Acetate) N.A.
Solubility in Water N.A.	
Appearance and Odor cylindrical Shape,odorless	

Section IV-Hazard Classification

Classification

N.A.

Section V-Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (Materials to Avoid)			
Hazardous Decomposition or Byproducts N.A.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI-Health Hazard Data

Route(s) of Entry	Inhalation	Skin	Ingestion
	N.A.	N.A.	N.A.

Health Hazard (Acute and Chronic)/Toxicological information

In Case of Electrolyte leakage,skin will be itchy when contaminated with electrolyte.

In contact with electrolyte can cause severe irritation and chemical burns.

Inhalation of electrolyte vapors may cause irritation of the upper repiratory tract and lungs.

Section VII-First Aid Measures

First Aid Procedures

If electrolyte leakage occurs and makes contact with skin,wash with plenty of water immediately.

If electrolyte comes into contact with eyes,wash with copious amounts of water for fifteen(15) minutes,and contact a physician.

If electrolyte vapors are inhaled,provide fresh air and seek medical attention if respiratory irritation develops.Ventilate the contaminated area.

Section VIII-Fire and Explosion Hazard Data

Flash Point (Method Used)	Ignition Temp.	Flammable Limits	LEL	UEL
N.A.	N.A.	N.A.	N.A.	N.A.

Extinguishing Media

Carbon Dioxide,Dry Chemical or Foam extinguishers

Special Fire Fighting Procedures

N.A.

Unusual Fire and Explosion Hazards

Do not dispose of battery in fire-may explode.

Do not short-circuit battery-may cause burns.

Section IX-Accidental Release or Spillage

Steps to Be Taken in Case Material is Released or Spilled

Batteries that are leakage should be handled with rubber gloves.

Avoid direct contact with electrolyte.

Wear protective clothing and a positive pressure Self-Contained Breathing Apparatus (SCBA).

Section X-Handing and Storage

Safe handling and storage advice
Batteries should be handled and stored carefully to avoid short circuits.
Do not store in disorderly fashion,or allow metal objects to be mixed with stored batteries.
Never disassemble a battery.
Do not breathe cell vapors or touch internal material with bare hands.
Keep batteries between -30℃ and 35℃ for prolong storage.

Section XI-Exposure Controls/Person Protection

Occupational Exposure Limits:LTEP N.A.		STEP N.A.
Respiratory Protection (Specify Type) N.A.		
Ventilation	Local Exhausts N.A.	Special N.A.
	Mechanical (General) N.A.	Other N.A.
Protective Gloves N.A.		Eye Protection N.A.
Other Protective Clothing or Equipment N.A.		
Work/Hygienic Practices N.A.		

Section XII-Ecological Information

N.A.

Section XIII-Disposal Method

Dispose of batteries according to government regulations.

Section XIV-Transportation Information

All Search Battery lithium ion batteries comply with the necessary testing requirements under the UN Manual of Tests and Criteria as referenced in the following transportation regulations:
1. UN Recommendations on the Transport of Dangerous Goods Model Regulations
2. U.S.Department of Transportation hazardous materials regulations (HMR).
3. International Civil Aviation Organization (ICAO) Technical Instructions.
4. International Air Transport Association (IATA) Dangerous Goods Regulations,and
5. International Maritime Dangerous Goods(IMDG) Code.

Section XV-Regulatory Information

Special requirement be according to the local regulatories.

Section XVI-Other Information

The data in this Material Safety Data Sheet relates only to the specific material designated herein.